

FIG. 1

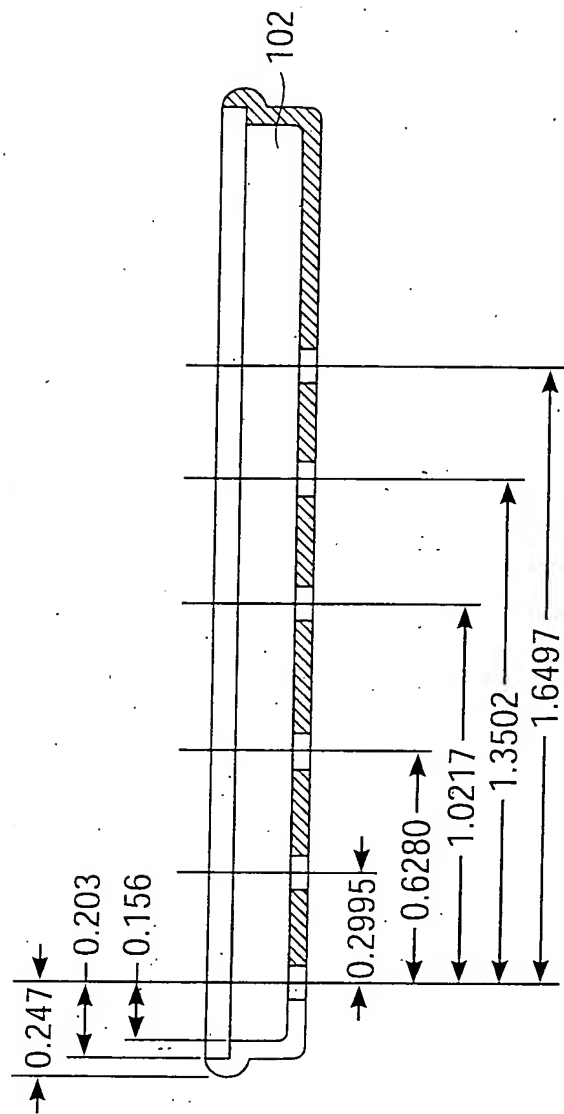
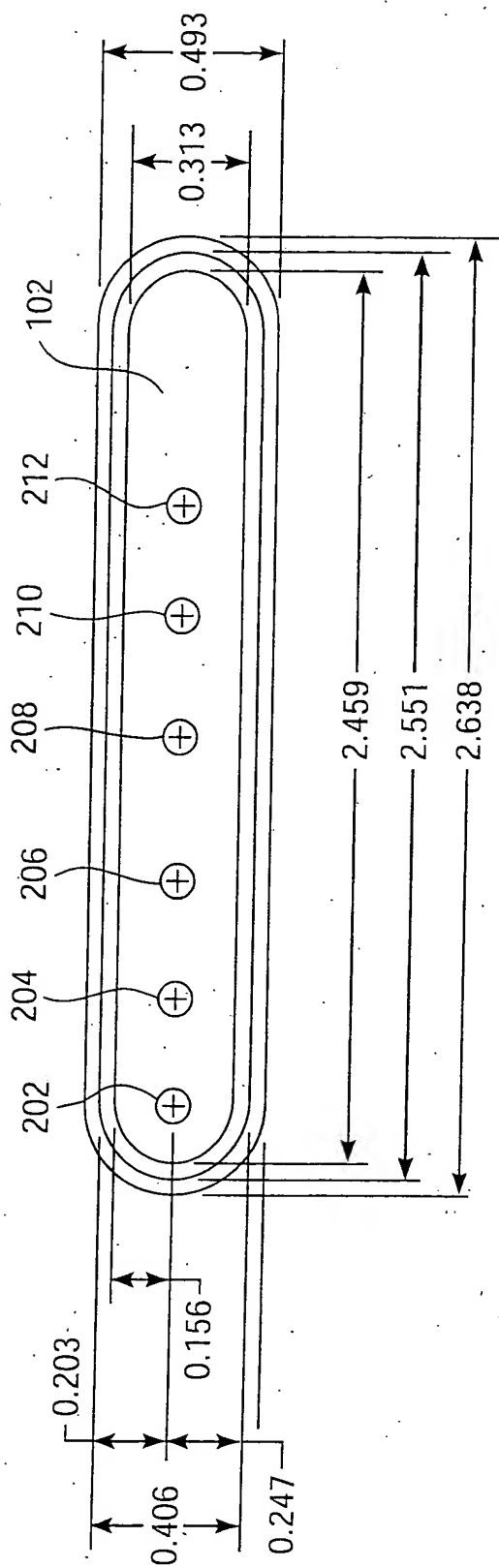


FIG. 2

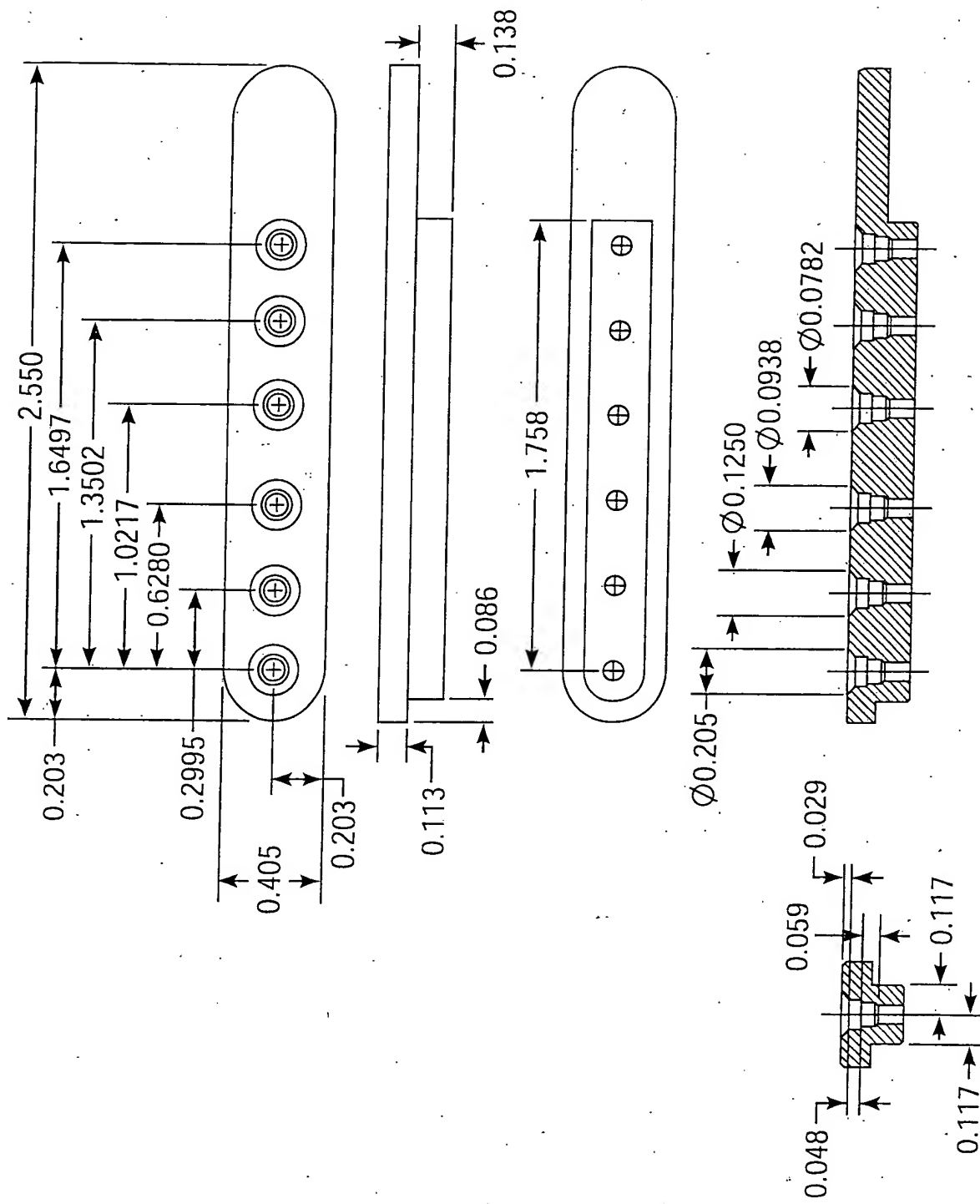
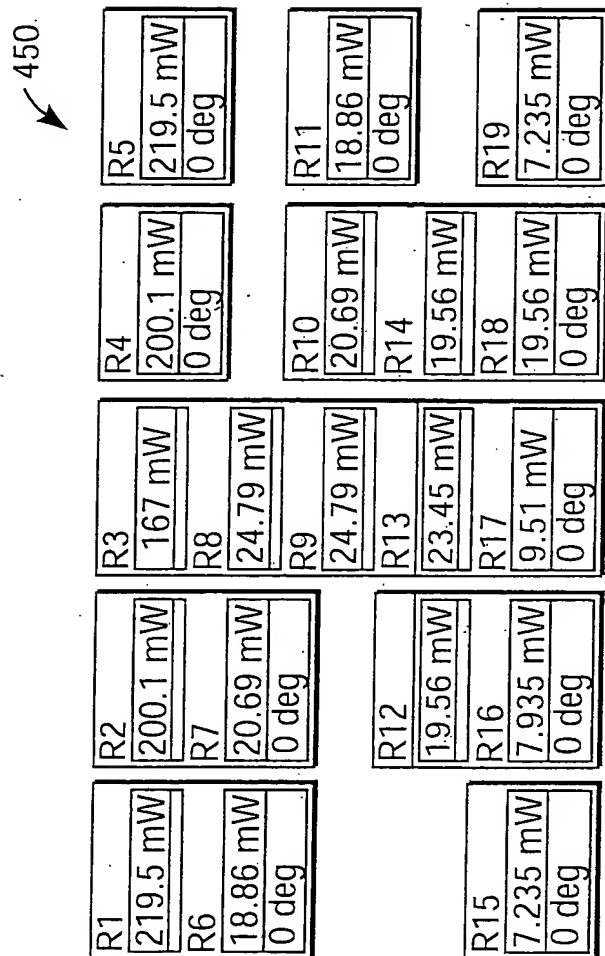
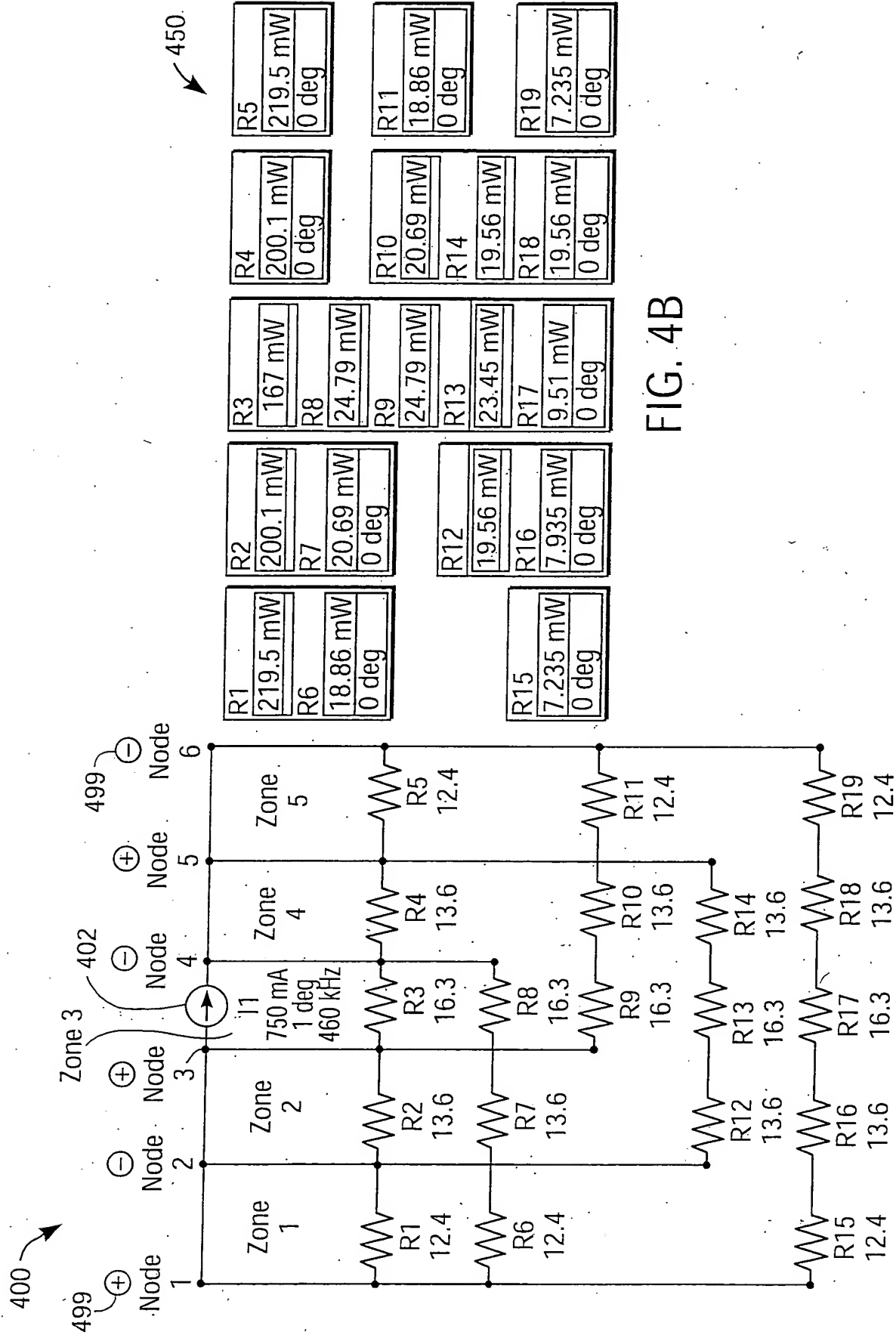


FIG. 3



Values with Balanced Circuit 480

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
482 ~ Total Power per Zone	219.5 18.86 7.235	200.1 20.69 19.56 7.935	167 24.79 24.79 23.45 9.51	200.1 20.69 19.56 7.935	219.5 18.86 7.235
% Error per Zone	0	-1.095299	-1.606303	-1.095299	0
"Spacing" Value per Zone	12.4	13.6	16.3	13.6	12.4
484 ~ "Spacing" Ratio per Zone	1.00	1.097	1.315	1.097	1.00
486 ~ "Spacing" Ratio per Zone	0.760736	0.834356	1	0.834356	0.760736
					4.190184

FIG. 4C

502

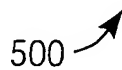


FIG. 5A



Values with Balanced Circuit ~ 580

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7
	503.1	445.6	354.5	380.4	354.5	445.6	503.1
	39.96	45.11	56.71	16.82	18.05	14.36	12.71
	12.71	14.36	18.05	38.43	41.24	45.11	39.96
	7.097	37.91	41.24	16.82	18.05	37.91	7.097
		13.78	18.05	44.41	56.71	13.78	
		8.013	47.65	44.41	47.65	8.013	
			17.33	16.15	17.33		
			10.07	9.387	10.07		
582 ~ Total Power per Zone	562.87	564.77	563.60	566.83	563.60	564.77	562.87
% Error per Zone	0.00	0.34	0.13	0.70	0.13	0.34	0.00
"Spacing" Value per Zone	31	35	44	41	44	35	31
584 ~ "Spacing" Ratio per Zone	1.000	1.129	1.419	1.323	1.419	1.129	1.000
586 ~ "Spacing" Ratio per Zone	0.704545	0.795455	1	0.931818	1	0.795455	0.704545

FIG. 5C



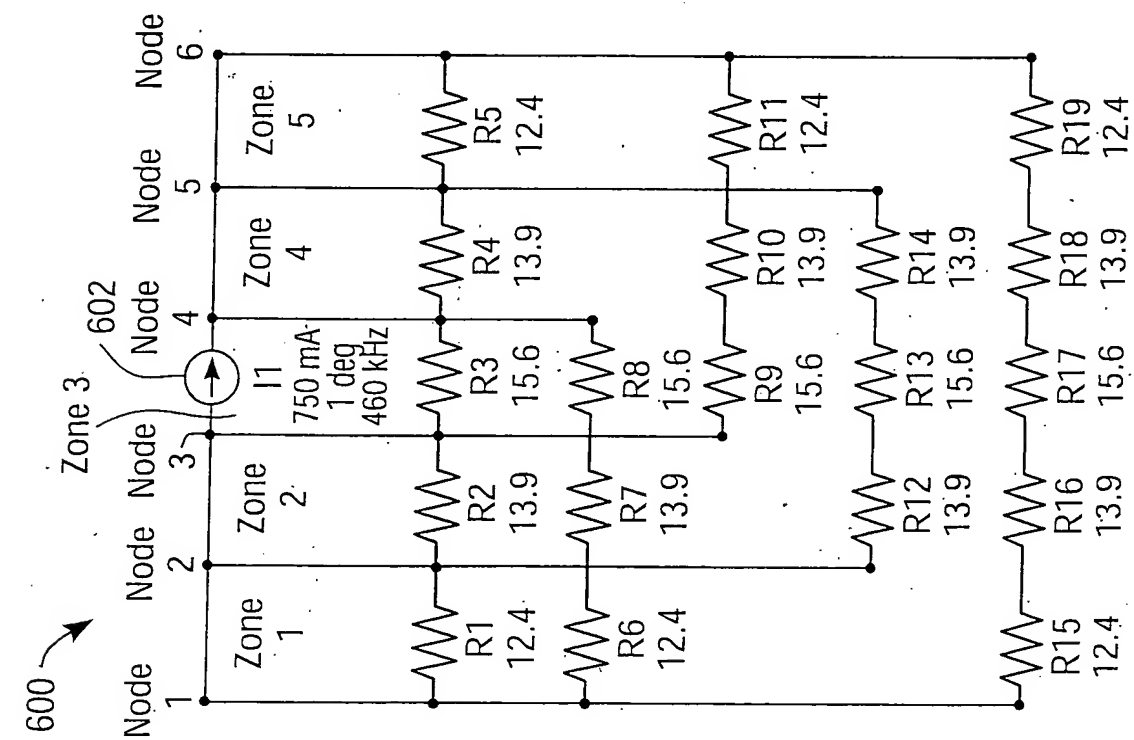


FIG. 6A

R1 219.5 mW R6 19.21 mW 0 deg	R2 195.7 mW R7 21.54 mW 0 deg	R3 174.4 mW R8 24.17 mW	R4 195.7 mW 0 deg	R5 219.4 mW 0 deg
R15 7.235 mW 0 deg R1 1.649 mV 133 mA R6 488.1 mV 39.36 mA	R16 8.13 mW 0 deg R2 1.649 mV 118.7 mA R7 547.2 mV 39.36 mA	R17 9.124 mW 0 deg R3 1.649 mV 105.7 mA R8 614.1 mV 39.36 mA	R18 8.13 mW 0 deg R4 1.649 mV 118.7 mA	R19 7.253 mW 0 deg R5 1.649 mV 133 mA
R12 528.3 mV 38 mA R16 336.2 mV 24.18 mA	R13 592.9 mV 38 mA R17 377.3 mV 24.18 mA	R14 528.3 mV 38 mA R18 336.2 mV 24.18 mA	R10 547.2 mV 39.36 mA R11 488.1 mV 39.36 mA	

FIG. 6B

Values with Balanced Circuit — 680					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
	133	118.7	105.7	118.7	133
	39.36	39.36	39.36	39.36	39.36
	24.18	38	39.36	38	24.18
		24.18	38	24.18	
			24.18		
Total Current per Zone	196.54	220.24	246.6	220.24	196.54
"Spacing" Value per Zone	12.4	13.9	15.6	13.9	12.4
682 — Current Density per Zone	15.85	15.8446	15.80769	15.8446	15.85
% Error	0.0	0.0	0.3	0.0	0.0
684 — "Spacing" Ratio per Zone	1.00	1.12	1.26	1.12	1.00
686 — "Spacing" Ratio per Zone	0.79	0.89	1.00	0.89	0.79

FIG. 6C

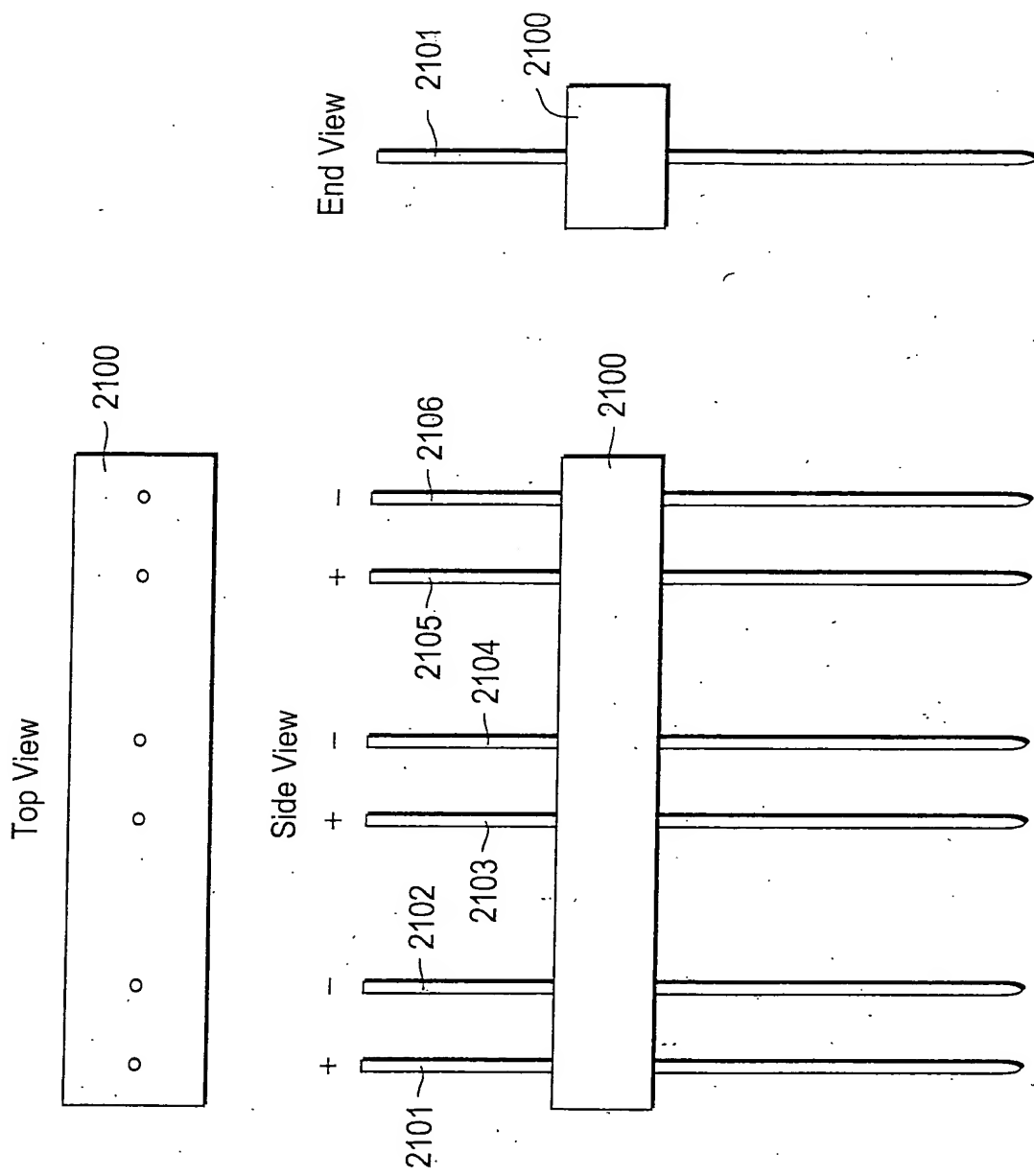


FIG. 7

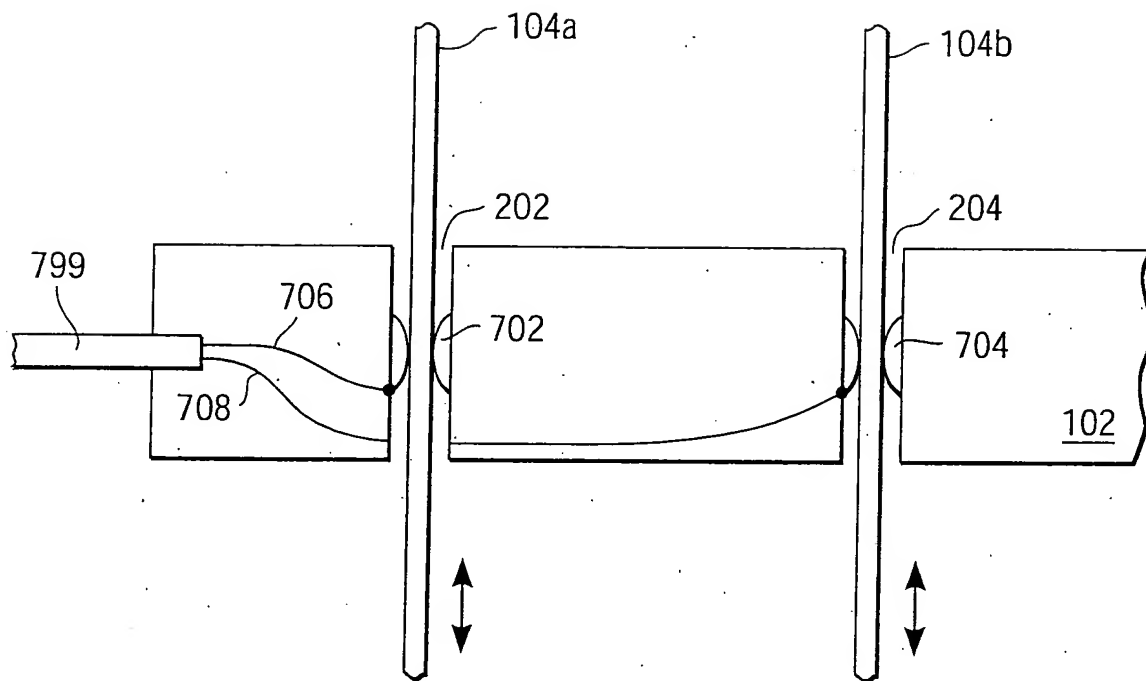
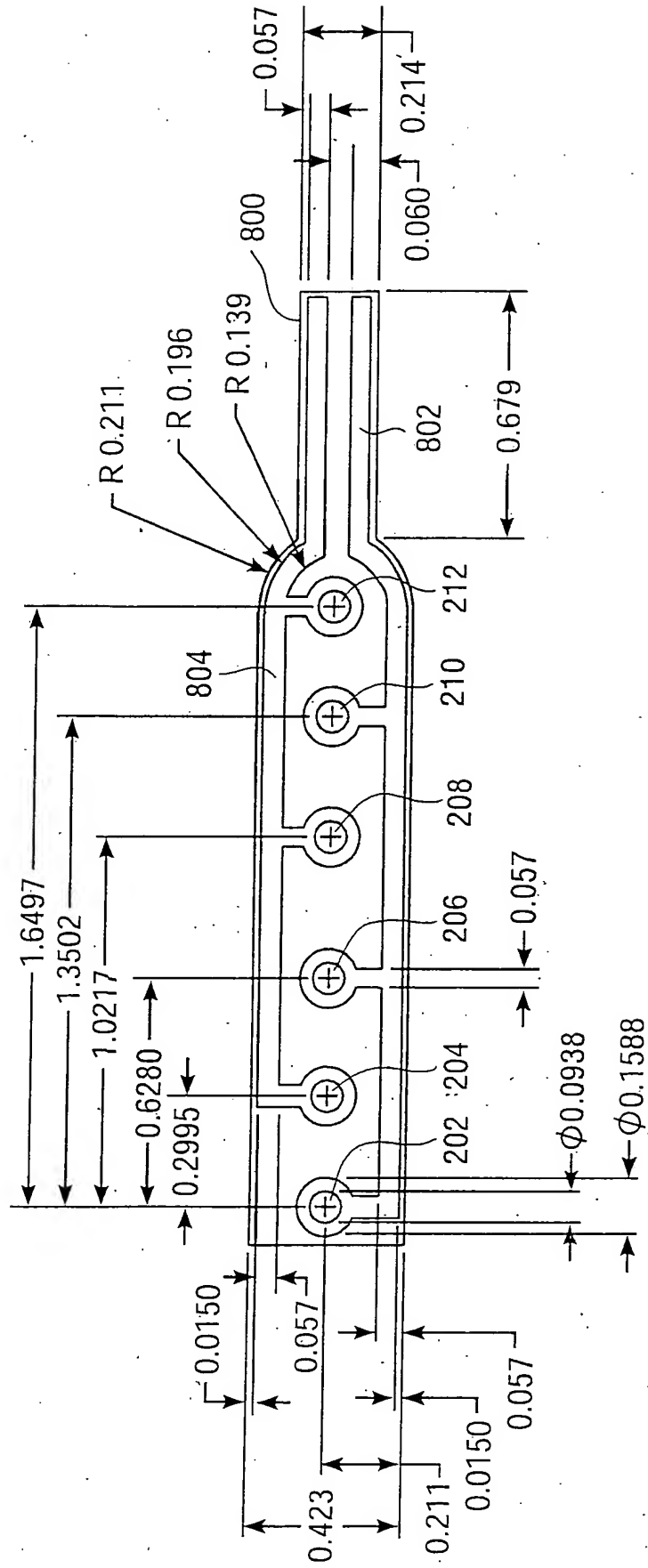


FIG. 8



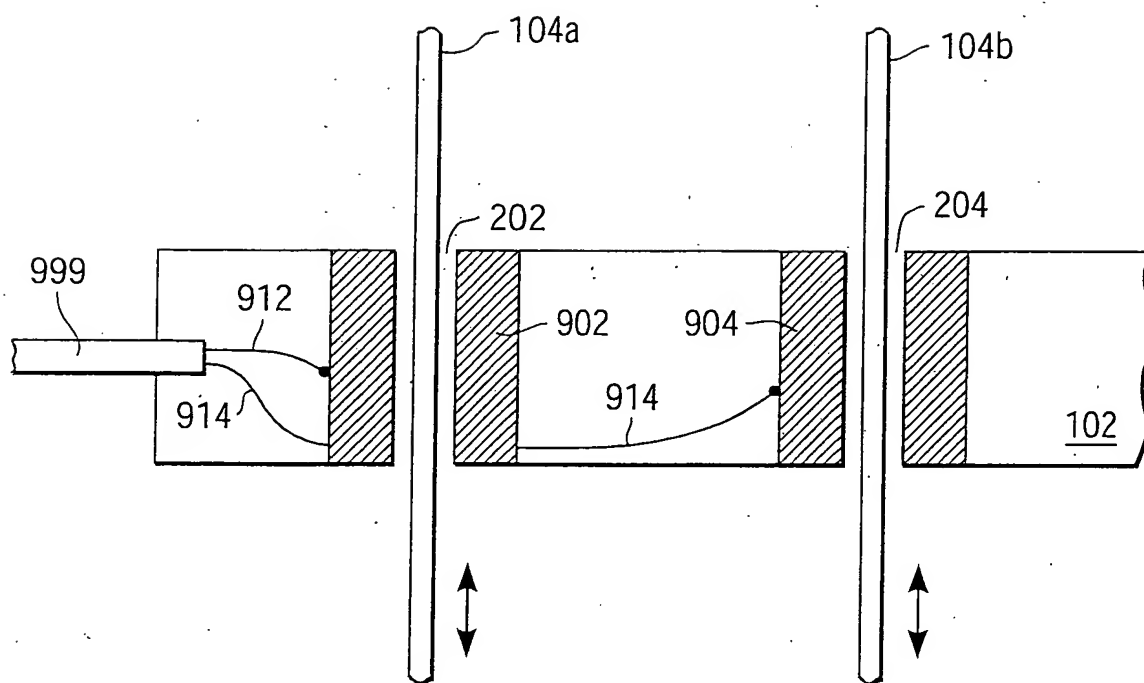


FIG. 10

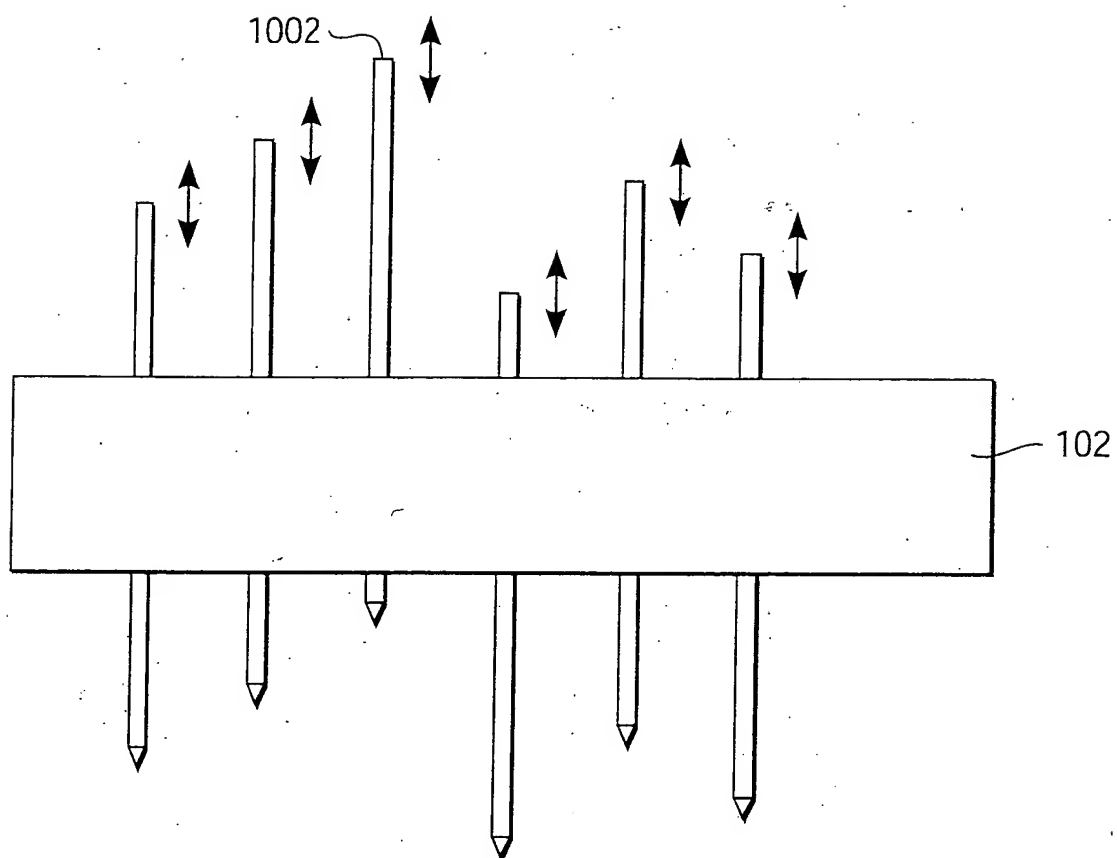


FIG. 11

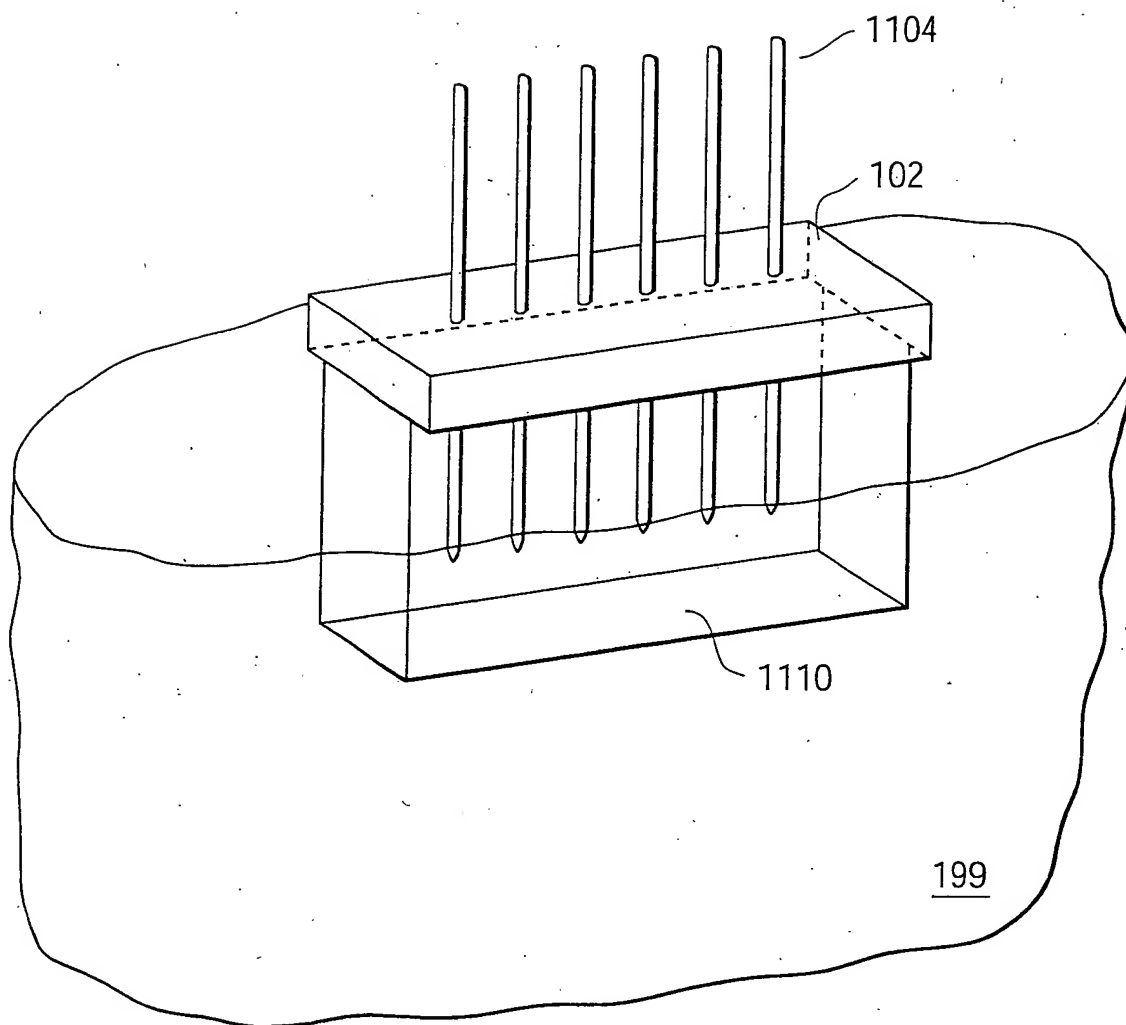


FIG. 12



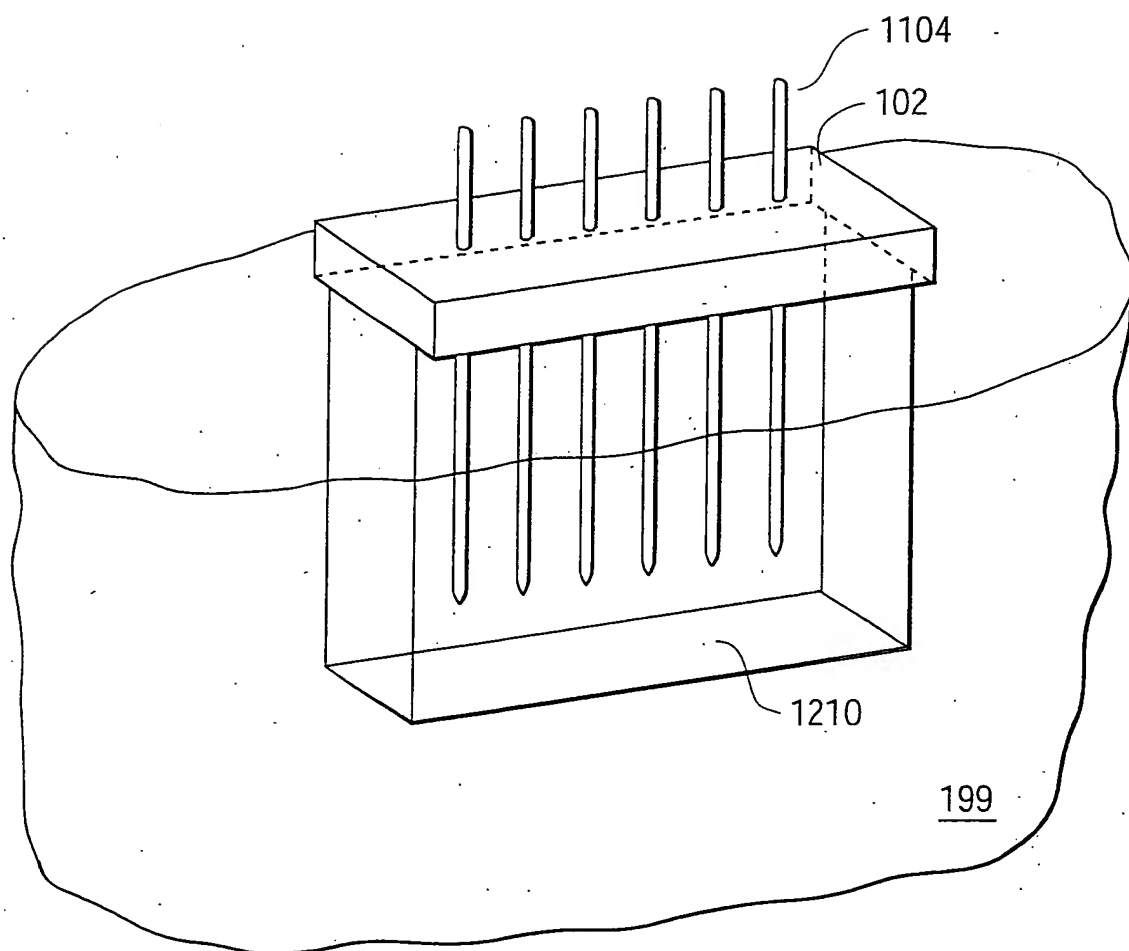


FIG. 13

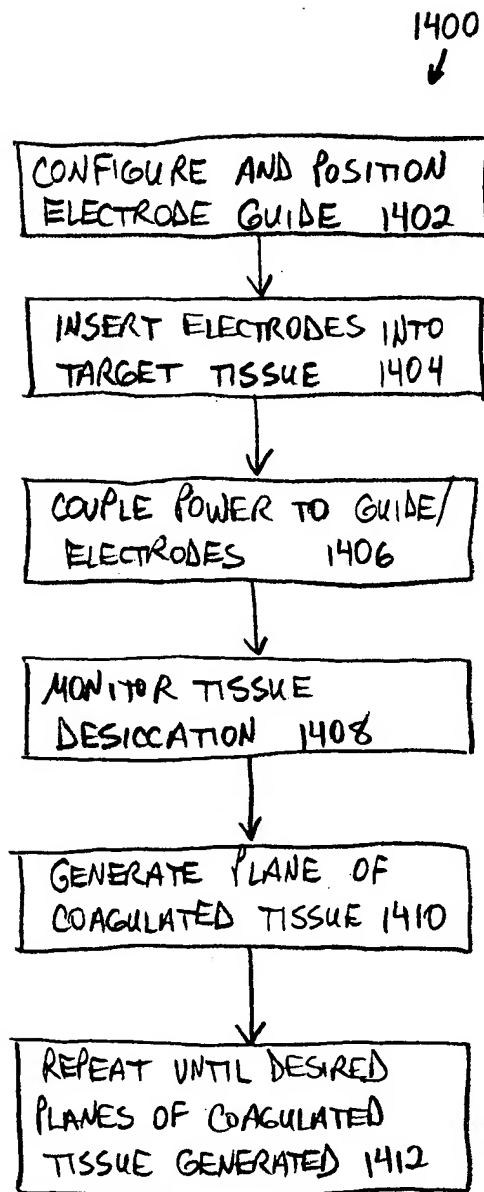


FIG. 14

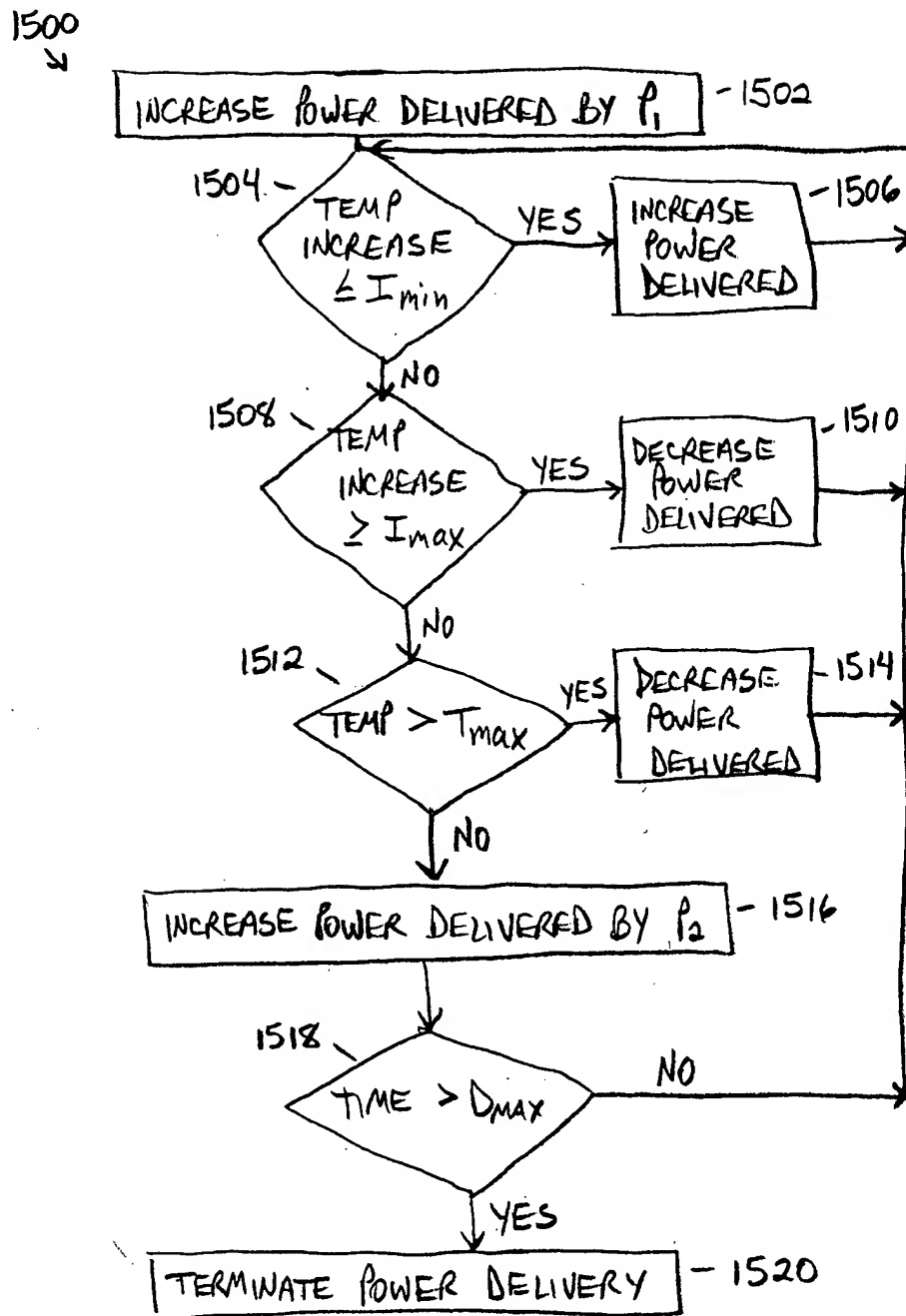


FIG. 15

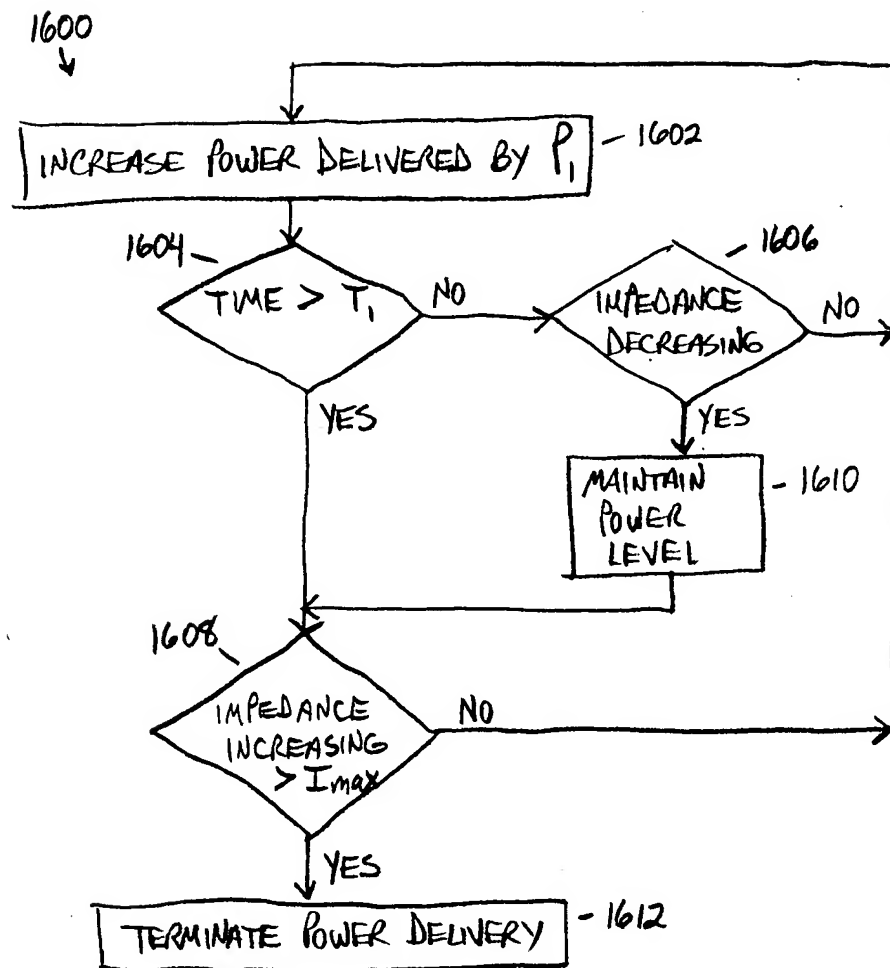


FIG. 16

1700  
↓

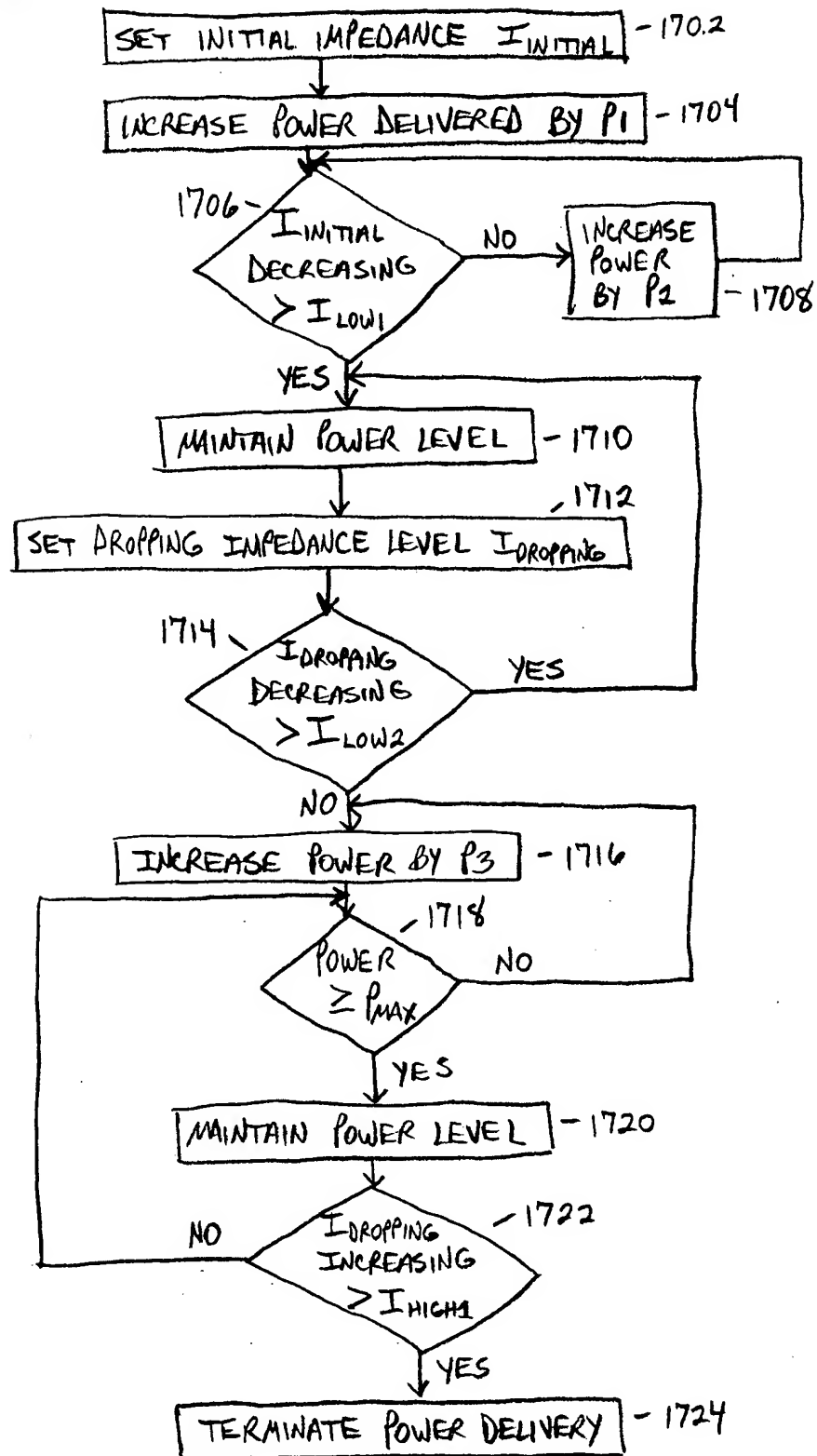


FIG. 17

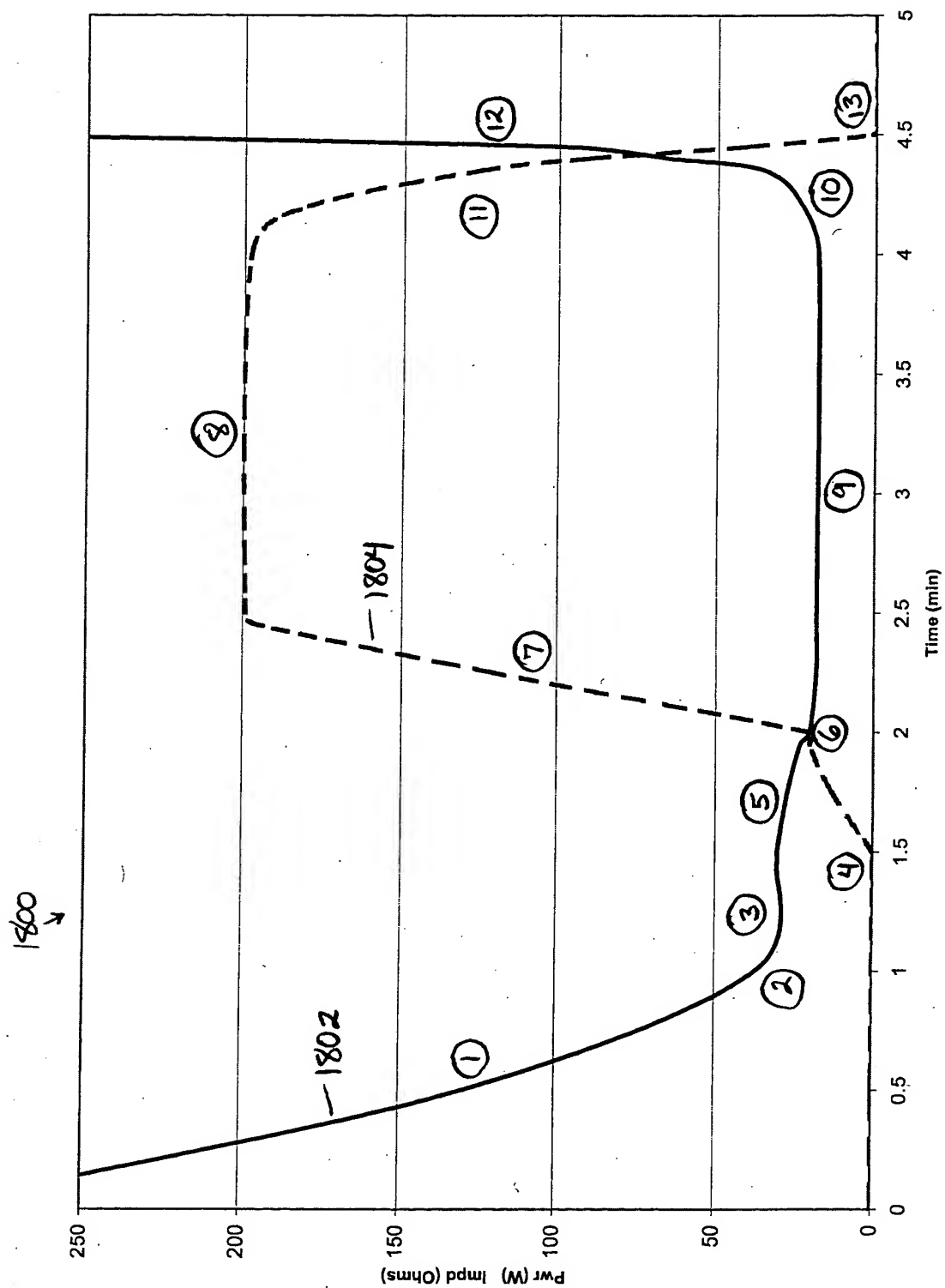


FIG. 18

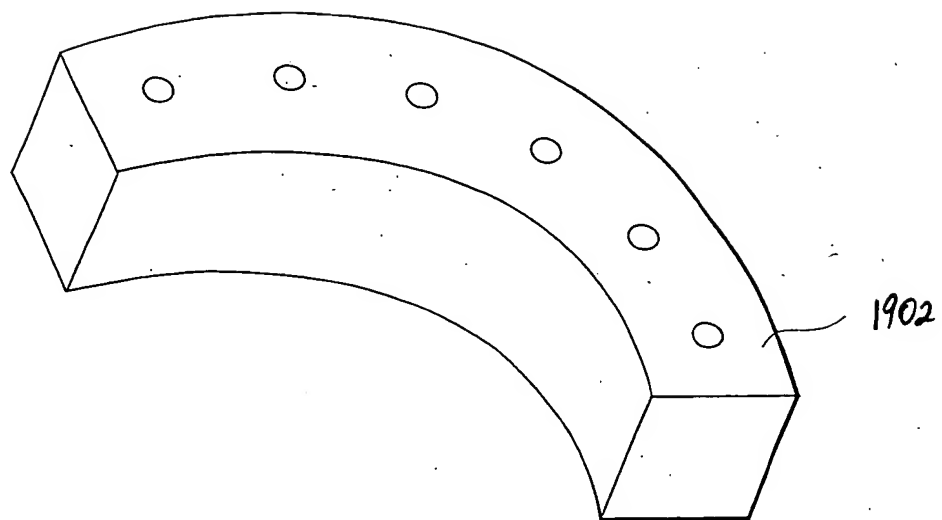


FIG. 19

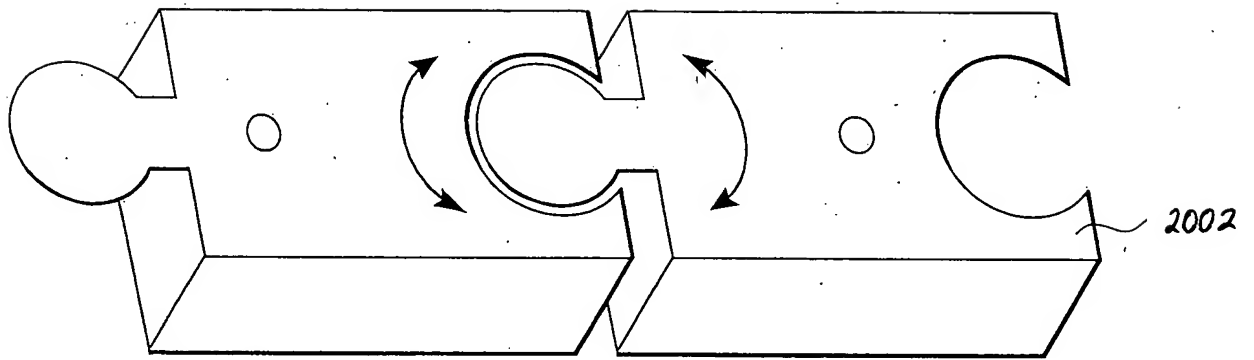


FIG. 20



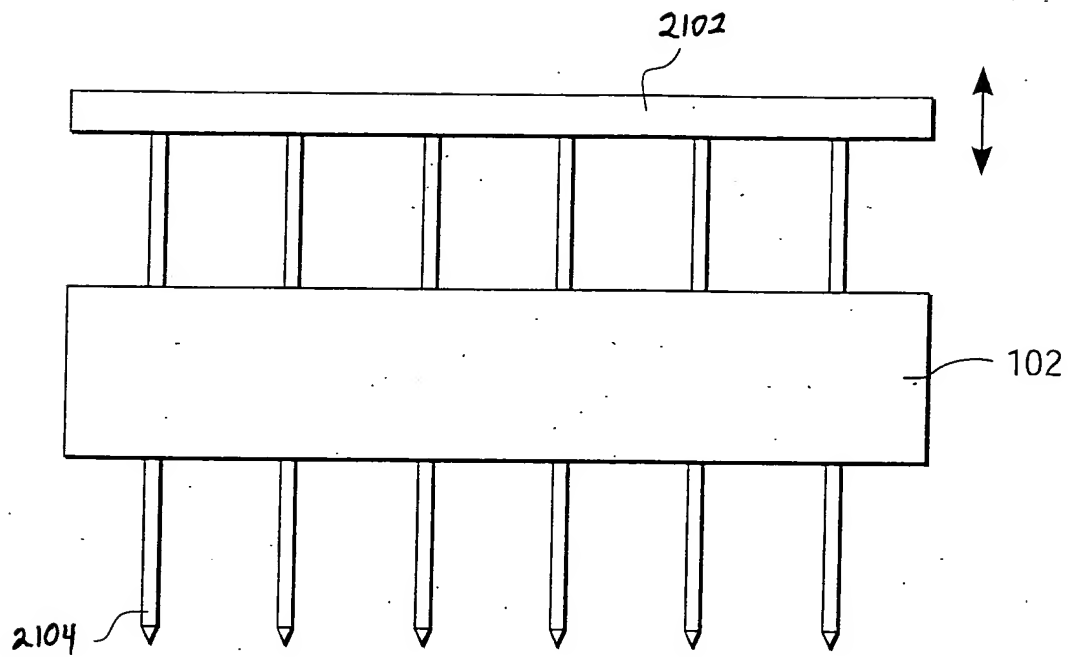


FIG. 21

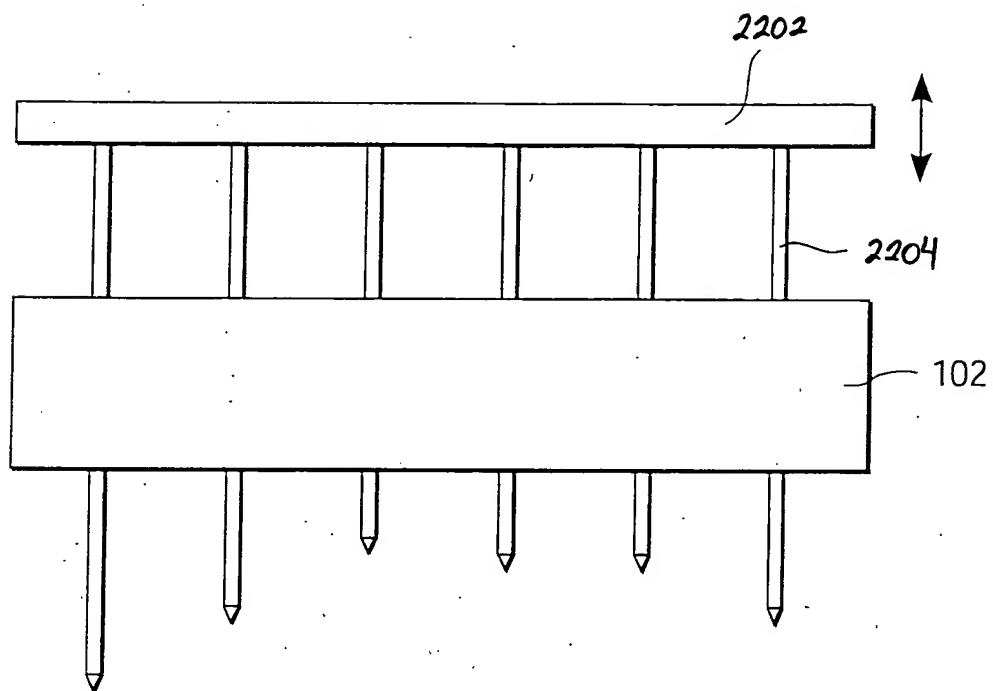


FIG. 22

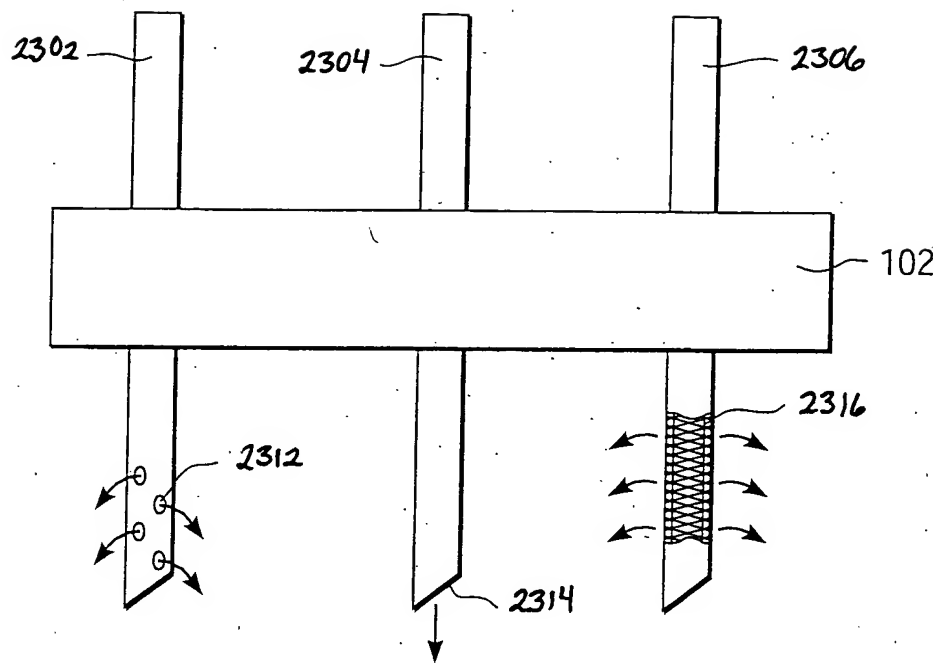


FIG. 23

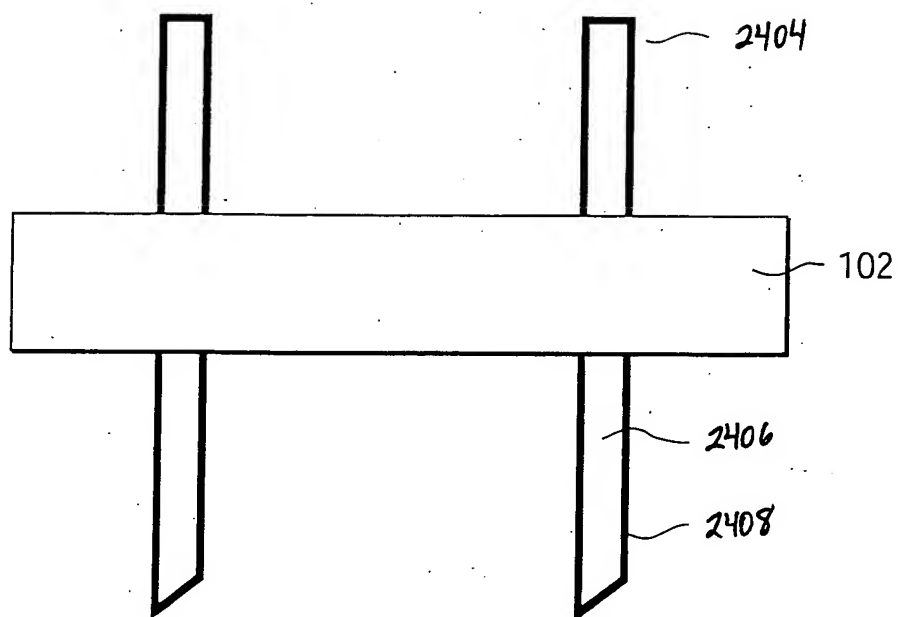


FIG. 24